MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE, 1931

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

JUNE 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	60.5	60.1	60.5	60.3	29.1	20.7	26.1	28.4	22.3	25.6
2	1.0	0.1	59.7	60.3	27.9	19.3	25.0	26.7	22.8	24.8
3	59.6	59.2	9.0	59.3	28.1	19.6	24.7	27.0	23.1	24.9
4	60.2	9.2	8.9	9.4	28.3	20.3	25.5	27.3	22.8	25.2
5	59.0	8.5	7.7	8.4	30.1	20.7	25.7	28.6	24.8	26.4
6	59.4	55.7	56.0	57.0	29.6	24.4	26.8	23.7	22.6	24.4
7	6.7	6.9	7.1	6.9	28.2	20.5	21.8	27.4	22.6	23.9
8	6.7	6.8	9.4	7.6	28.7	19.9	25.1	27.8	22.7	25.2
9	7.7	7.8	7.7	7.7	28.6	20.2	25.4	27.3	23.1	25.3
10	7.8	8.2	8.2	8.1	28.4	20.7	25.3	28.2	22.3	25.3
11	58.8	58.4	57.9	58.4	28.2	20.1	25.4	27.2	22.6	25.1
12	7.8	7.6	7.3	7.6	28.8	21.5	25.7	27.9	23.2	25.6
13	7.2	6.8	6.9	7.0	28.9	20.2	26.2	28.6	23.1	26.0
14	7.1	7.3	7.3	7.2	29.3	20.1	25.6	28.7	23.2	25.8
15	8.3	8.5	8.6	8.5	28.9	20.6	24.9	27.8	23.5	25.4
16	59.4	59.7	59.3	59.5	29.7	20.2	26.7	26.7	23.4	25.6
17	8.3	8.6	7.9	8.3	30.4	20.7	26.8	29.4	24.8	27.0
18	7.3	6.8	6.6	6.9	30.2	21.7	27.3	29.5	23.7	26.8
19	7.5	8.0	8.2	7.9	30.4	21.1	26.6	28.9	24.6	26.7
20	8.6	8.4	8.1	8.4	30.1	20.9	26.3	28.9	24.1	26.4
21	57.6	57.0	56.9	57.2	29.6	21.0	27.4	23.7	23.9	25.0
22	6.6	6.4	6.4	6.5	30.2	20.7	27.4	29.4	24.3	27.0
23	7.1	9.9	7.8	8.3	30.2	21.9	27.1	29.2	24.6	27.0
24	8.1	7.9	7.8	7.9	30.2	21.6	27.3	29.4	24.4	27.0
25	8.3	7.8	8.2	8.1	30.1	22.1	27.5	26.5	24.8	26.3
26	57.6	57.3	57.0	57.3	31.0	22.6	27.5	29.8	25.2	27.5
27	7.0	6.9	6.3	6.7	32.2	23.2	28.7	30.6	25.9	28.5
28	5.7	5.1	4.3	5.0	32.2	23.7	29.3	32.1	26.2	29.2
29	3.8	3.9	4.3	4.0	31.8	24.8	28.6	31.0	24.9	28.2
30	5.5	5.8	6.4	5.9	30.1	22.4	27.6	29.3	24.6	27.2
	57.87	57.69	57.59	57.72	29.65	21.25	26.38	28.24	23.80	26.14

Barometer, Range for month 753.8-761.0 m.m.
,, 50-yr. average for month 758.1
Thermometer, Range for month 19.°3-32.2°
, 50-yr. average for month 25.38
Rain, total for month 2.91 m.m.
,, , 50-yr average for month 3.81 m.m.
,, , total Sept. 1st to end of month 874.83 m.m.
,, ,50-yr. average, Sept. 1st to end of month. 906.54 m.m

JUNE 1931

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8 30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	22.2	23.4	20.5	16.8	17.5	16.5	16.9	67	61	83	70	13.2	
2	21.5	21.8	20.4	16.4	15.8	15.9	16.0	70	60	78	69	13.0	
3	21.4	22.3	20.9	16.5	16.4	16.8	16.6	71	61	80	71	13.0	
4	21.1	23.2	22.9	16.5	17.8	20.7	18.3	67	66	99	77	11.5	
5	22.8	24.1	22.4	18.2	18.5	18.1	18.3	74	63	78	72	13.0	
6	23.7	22.0	19.6	19.2	18.3	14.7	17.4	73	84	72	76	8.6	
7	20.0	22.1	19.8	15.9	15.8	15.2	15.6	82	58	76	72	10.0	2.91
8	21.3	22.7	20.4	16.0	16.7	16.1	16.3	68	60	79	69	12.0	
9	21.6	23.0	20.9	16.3	17.5	16.6	16.8	68	65	79	71	12.2	
10	21.5	22.7	19.9	16.2	16.5	15.5	16.1	68	58	79	68	12.0	
11	20.9	22.0	19.9	15.2	15.8	15.3	15.4	63	58	75	65	11.7	
12	21.5	22.2	20.5	15.9	15.7	15.8	15.8	65	56	76	66	12.2	
13	21.5	22.6	20.3	15.6	16.0	15.6	15.7	62	54	75	64	13.0	
14	21.2	23.2	20.9	15.4	16.9	16.6	16.3	63	57	78	66	13.0	
15	21.4	23.3	20.8	16.4	17.6	16.3	16.8	70	64	76	70	13.2	
16	20.6	19.8	18.5	13.8	12.8	12.7	13.1	53	49	59	54	13.5	
17	21.6	23.3	18.4	15.3	16.7	11.9	14.6	57	55	52	55	13.6	
18	20.8	23.1	21.8	13.9	16.3	17.9	16.0	51	54	82	62	13.7	
19	23.2	23.9	21.2	18.3	18.1	16.1	17.5	70	60	70	67	13.5	
20	23.3	24.3	22.3	18.9	18.7	18.5	18.7	74	63	83	73	13.2	
21	23.4	24.1	22.1	18.2	18.2	18.2	18.2	68	61	83	71	13.1	
22	23.2	23.9	22.2	17.8	17.8	18.2	17.9	66	58	80	68	13.0	
23	22.3	23.1	21.8	16.4	16.5	17.2	16.7	61	54	75	63	13.0	
24	21.7	23.5	22.0	15.3	17.1	17.7	16.7	56	56	77	63	13.2	
25	23.2	24.3	22.8	17.7	20.6	18.9	19.1	65	80	80	75	13.0	
26	23.9	25.1	23.2	19.0	19.6	19.4	19.3	70	62	82	71	13.4	
27	24.9	26.2	25.8	20.2	21.1	20.2	20.5	69	63	82	71	13.2	
28	22.8	26.8	23.9	16.0	21.6	20.0	19.2	52	61	79	64	13.0	
29	24.8	24.7	21.2	20.1	18.2	16.0	18.1	69	55	69	64	12.7	
30	21.7	22.0	21.1	15.0	14.6	16.0	15.2	55	49	70	58	12.7	
	22.17	23.29	21.21	16.75	17.36	16.82	16.97	65.6	60.2	76.9	67.5	12.65	0.9

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JUNE 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	0	6stcu	2.0	0	0	0	39.2	calm	
2	1cu	0	8stcu	3.0	0	1w	0	244.5	„	
3	4ci	1ci	8stcu	4.3	0	1sw	0	128.7	„	
4	2stcu	0	0	0.7	0	1sw	0	149.5	„	
5	0	1ci	2stcu	1.0	1w	0	0	71.9	„	
6	8stcu	10ni	8stcu	8.7	0	2ne	2s	358.0	stormy	tr. rain
7	8ni	2cu	4stcu	4.7	1s	2w	1s	467.7	„	
8	4stcu	4stcu	4stcu	4.0	1w	1w	2s	470.9	„	
9	1cu	1cu	1cu	1.0	1w	2w	0	437.4	„	
10	1cu	0	0	0.3	0	1w	0	100 1	light	
11	2stcu	3st	8stcu	4.3	1w	0	0	55.3	calm	
12	3stcu	2st	0	1.7	1sw	0	1sw	225.9	calm	
13	3stcu	2stcu	4stcu	3.0	0	1sw	1s	372.0	calm	lightning in n.
14	1cu	1cu	2stcu	1.3	2w	2w	1s	488.7	stormy	
15	1cu	1cu	1stcu	1.0	0	1w	1n	202.6	light	
16	0	0	0	0.0	0	4n	1n	181.0	stormy	
17	0	0	0	0.0	0	1n	1n	106.1	light	
18	0	0	4stcu	1.3	0	0	0	78.8	calm	
19	0	0	3stcu	1.0	0	0	0	36.4	„	
20	1cu	0	0	0.3	1w	1w	1sw	294.0	„	
21	1cu	1cu	8stcu	3.3	1w	1w	1sw	352.8	„	
22	2stcu	0	5stcu	2.3	0	1sw	2sw	382.9	„	
23	2stcu	1stcu	4stcu	2.3	2sw	1sw	0	433.5	light	
24	1cu	1cu	1cu	1.0	0	1sw	1sw	269.1	calm	
25	1cu	1cu	1cu	1.0	1w	1w	0	98.1	„	
26	4st	1cu	1stcu	2.0	0	1w	1sw	103.2	„	
27	0	0	0	0.0	0	0	0	46.2	„	
28	1cu	0	1cu	0.7	2sw	1sw	2s	470 2	light	
29	1cu	0	3stcu	1.3	2sw	2w	2s	772.8	stormy	
30	1stcu	2stcu	5stcu 0	3.7	2sw	2sw	1s	560.9	„	
				2.04	0.6	1.1	0.7	266.61		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	1	5	8	0	16
14:30	2	1	0	0	0	8	12	0	7
20.30	3	0	0	0	8	6	0	0	13
Totals	5	1	0	0	9	19	20	0	36

Number of days with rain, 1 fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.8